

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/03941

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03M13/23

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 017 178 A (SONY CORP) 5 July 2000 (2000-07-05) page 2, line 1 - page 16, line 11; figure 7	1-7
A	ETSI: "Universal Mobile Telecommunications System (UMTS); Multiplexing and channel coding (FDD) (GPP TS 25.212 version 4.3.0 Release 4)" ETSI, 1 December 2001 (2001-12-01), pages 1-64, XP002246528 paragraph '4.2.3!	1-7

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

13 April 2004

Date of mailing of the international search report

22/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BENEDETTO S ET AL: "SOFT-OUTPUT DECODING ALGORITHMS IN ITERATIVE DECODING OF TURBO CODES"</p> <p>TDA PROGRESS REPORT, XX, XX, no. 42-124, 15 February 1996 (1996-02-15), pages 63-87, XP002155298</p> <p>page 63, line 1 - page 86, last line paragraph '00IV!</p> <p>-----</p>	1-7

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1017178 A	05-07-2000	EP 1017178 A1	05-07-2000
		CN 1272253 T	01-11-2000
		EP 1311069 A1	14-05-2003
		WO 9962183 A1	02-12-1999
		US 6192084 B1	20-02-2001